```
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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  NOV 21  CAS patent coverage to include exemplified prophetic
                  substances identified in English-, French-, German-,
                  and Japanese-language basic patents from 2004-present
 NEWS  3  NOV 26  MARPAT enhanced with FSORT command
 NEWS  4  NOV 26  MEDLINE year-end processing temporarily halts
                  availability of new fully-indexed citations
 NEWS  5  NOV 26  CHEMSAFE now available on STN Easy
 NEWS  6  NOV 26  Two new SET commands increase convenience of STN
                  searching
 NEWS  7  DEC 01  ChemPort single article sales feature unavailable
 NEWS  8  DEC 12  GBFULL now offers single source for full-text
                  coverage of complete UK patent families
 NEWS  9  DEC 17  Fifty-one pharmaceutical ingredients added to PS
 NEWS 10  JAN 06  The retention policy for unread STNmail messages
                  will change in 2009 for STN-Columbus and STN-Tokyo
 NEWS 11  JAN 07  WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
                  Classification Data

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:27:05 ON 15 JAN 2009

=> file registry
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.22       0.22

FILE 'REGISTRY' ENTERED AT 14:27:54 ON 15 JAN 2009
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JAN 2009 HIGHEST RN 1093730-37-0
DICTIONARY FILE UPDATES: 14 JAN 2009 HIGHEST RN 1093730-37-0

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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REGISTRY includes numerically searchable data for experimental and
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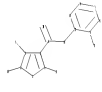
http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10588293.str



chain nodes :
6 7 8 9 10 11 18
ring nodes :
1 2 3 4 5 12 13 14 15 16 17

```
chain bonds :
2-8  3-7  4-6  5-9  6-10  6-11  11-12  17-18
ring bonds :
1-2  1-5  2-3  3-4  4-5  12-13  12-17  13-14  14-15  15-16  16-17
exact/norm bonds :
1-2  1-5  2-3  2-8  3-4  3-7  4-5  4-6  5-9  6-10  6-11  11-12  17-18
normalized bonds :
12-13  12-17  13-14  14-15  15-16  16-17


G1:O,S

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:CLASS



L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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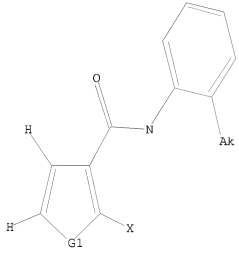
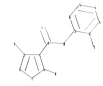



```
G1 O,S


Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:28:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       66 TO ITERATE

100.0% PROCESSED       66 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:           833 TO     1807
PROJECTED ANSWERS:                1 TO       80

L2            1 SEA SSS SAM L1
```

=>
Uploading C:\Program Files\STNEXP\Queries\10588293B.str



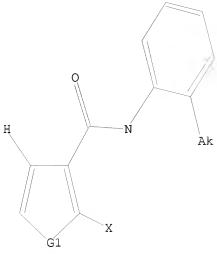
chain nodes :
6 7 8 9 10 17
ring nodes :
1 2 3 4 5 11 12 13 14 15 16
chain bonds :
3-7 4-6 5-8 6-9 6-10 10-11 16-17
ring bonds :
1-2 1-5 2-3 3-4 4-5 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-5 2-3 3-4 3-7 4-5 4-6 5-8 6-9 6-10 10-11 16-17
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16

G1:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS

L3 STRUCTURE UPLOADED

```
=> d l3
L3 HAS NO ANSWERS
L3                STR
```




```
G1 O,S
```

Structure attributes must be viewed using STN Express query preparation.

```
=> s l3 sss sam
SAMPLE SEARCH INITIATED 14:35:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       66 TO ITERATE

100.0% PROCESSED       66 ITERATIONS                              2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:          833 TO     1807
PROJECTED ANSWERS:               2 TO      124

L4            2 SEA SSS SAM L3

=>
Uploading C:\Program Files\STNEXP\Queries\10588293C.str
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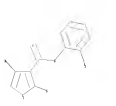


chain nodes :
6 7 8 9 10 17
ring nodes :
1 2 3 4 5 11 12 13 14 15 16
chain bonds :
3-7 4-6 5-8 6-9 6-10 10-11 16-17
ring bonds :
1-2 1-5 2-3 3-4 4-5 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-5 2-3 3-4 3-7 4-5 4-6 5-8 6-9 6-10 10-11 16-17
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16

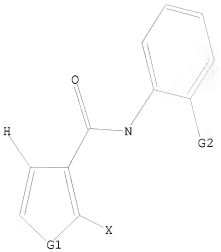
G1:O,S

G2:Cb,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS

L5 STRUCTURE UPLOADED

```
=> d 15
L5 HAS NO ANSWERS
L5                STR
```



G1 O,S

G2 Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

```
=> s l5 sss sam
SAMPLE SEARCH INITIATED 14:44:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       71 TO ITERATE

100.0% PROCESSED       71 ITERATIONS                                5 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          915 TO     1925
PROJECTED ANSWERS:               5 TO      234

L6             5 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 14:44:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1312 TO ITERATE

100.0% PROCESSED     1312 ITERATIONS                               82 ANSWERS
SEARCH TIME: 00.00.01

L7            82 SEA SSS FUL L5

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             198.84     199.06

FILE 'CAPLUS' ENTERED AT 14:44:57 ON 15 JAN 2009
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FILE COVERS 1907 - 15 Jan 2009 VOL 150 ISS 3
FILE LAST UPDATED: 14 Jan 2009 (20090114/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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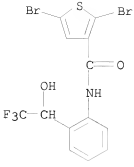
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l7
L8 11 L7

=> d ibib abs hitstr 1-11

L8 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:939363 CAPLUS
DOCUMENT NUMBER: 149:322593
TITLE: Fluorescence "turn-on" sensing of carboxylate anions with oligothiophene-based o-(carboxamido)trifluoroacetophenones
AUTHOR(S): Kim, Dae-Sik; Ahn, Kyo Han
CORPORATE SOURCE: Department of Chemistry and Center for Integrated Molecular Systems, POSTECH, Pohang, 790-784, S. Korea
SOURCE: Journal of Organic Chemistry (2008), 73(17), 6831-6834
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB O-(Carboxamido)trifluoroacetophenones containing ter- or pentathiophene moiety as a fluorophore exhibit fluorescence enhancement upon binding carboxylate anions. Particularly, the terthiophene derivative shows a large fluorescence enhancement factor (FEF = 120). The enhancement is explained by intramol. H-bonding stabilization of an anion-ionophore adduct, through which a possible quenching process, the n-π^* transition from the trifluoroacetophenone moiety, is eliminated.
IT 1050503-39-3P
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(fluorescence turn-on sensing of carboxylate anions using oligothiophene-based (carboxamido)trifluoroacetophenones)
RN 1050503-39-3 CAPLUS
CN 3-Thiophenecarboxamide, 2,5-dibromo-N-[2-(2,2,2-trifluoro-1-hydroxyethyl)phenyl]- (CA INDEX NAME)



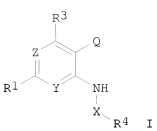
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:435969 CAPLUS
DOCUMENT NUMBER: 146:441791
TITLE: Preparation of N-tetrazolylphenyl carboxamides as PIM-1 and/or PIM-3 inhibitors
INVENTOR(S): Kearney, Patrick; Brown, Samuel David; Koltun, Elena S.
PATENT ASSIGNEE(S): Exelixis, Inc., USA
SOURCE: PCT Int. Appl., 106pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007044724	A2	20070419	WO 2006-US39568	20061005
WO 2007044724	A3	20070628		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
AU 2006302174	A1	20070419	AU 2006-302174	20061005
CA 2623759	A1	20070419	CA 2006-2623759	20061005
EP 1940792	A2	20080709	EP 2006-825696	20061005
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				

PRIORITY APPLN. INFO.:		US 2005-724171P	P 20051006
		WO 2006-US39568	W 20061005

OTHER SOURCE(S): MARPAT 146:441791
GI



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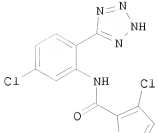


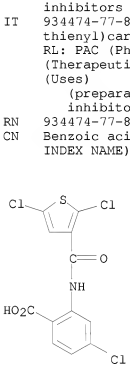
II

AB Title compds. represented by the formula I [wherein Q = tetrazolyl, carboxy or hydroxamic acid; X = absent or C(O); Y = N or CR5; Z = N or CR2; R1-R3 = independently H, halo(alkyl), amino, etc.; R4 = alkyl, amino, aryl, etc.; R5 = H, halo(alkyl), alkyl or haloalkoxy; and pharmaceutically acceptable salts thereof] were prepared as PIM-1 and/or PIM-3 inhibitors. For example, amidation of Me 2-amino-4-chlorobenzoate with 2,5-dimethylfuran-3-carboxylic acid gave II in 95% yield. I showed inhibitory activity of PIM-1 and PIM-3 with IC50 values of <2000 nM. Thus, I and their pharmaceutical compns. are useful as PIM-1 and/or PIM-3 inhibitors for the treatment of cancers (no data).

IT 934474-77-8P, 4-Chloro-2-[[(2,5-dichloro-3-thienyl)carbonyl]amino]benzoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-tetrazolylphenyl carboxamides as PIM-1 and/or PIM-3 inhibitors)

RN 934474-77-8 CAPLUS

CN Benzoic acid, 4-chloro-2-[[(2,5-dichloro-3-thienyl)carbonyl]amino]- (CA INDEX NAME)



L8 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:823684 CAPLUS

DOCUMENT NUMBER: 143:229713

TITLE: Preparation of thienyl-3-carboxamides and related compounds as microbicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Dahmen, Peter; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike

PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 123 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075452	A1	20050818	WO 2005-EP629	20050122
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004005785	A1	20050825	DE 2004-102004005785	20040206
CA 2556081	A1	20050818	CA 2005-2556081	20050122
EP 1713789	A1	20061025	EP 2005-701130	20050122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1956973	A	20070502	CN 2005-80004209	20050122
BR 2005007475	A	20070717	BR 2005-7475	20050122
JP 2007520504	T	20070726	JP 2006-551758	20050122
MX 2006PA08879	A	20061030	MX 2006-PA8879	20060804
KR 2007009579	A	20070118	KR 2006-717955	20060904
US 20080064874	A1	20080313	US 2007-588293	20070516
PRIORITY APPLN. INFO.:			DE 2004-102004005785A	20040206
			WO 2005-EP629 W	20050122

OTHER SOURCE(S): MARPAT 143:229713
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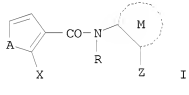

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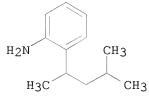
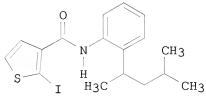


II



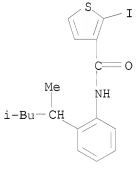
III

AB Title compds. I [A = O, S; X = halo; R = H, alkyl, alkylsulfinyl, etc.; Z = Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared For example, coupling of phenylamine II and 2-iodothioen-3-carboxylic acid afforded thienylcarboxamide III in 21% yield. In apple venturia

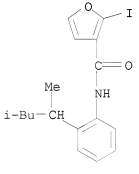
inaequalis protection assays, 37-examples of compds. I at 100 g/ha (sic), exhibited 89-100% protection after 10-days.

IT 862646-15-9P 862646-17-1P 862646-19-3P
862646-21-7P 862646-23-9P 862646-25-1P
862646-26-2P 862646-28-4P 862646-30-8P
862646-32-0P 862646-34-2P 862646-36-4P
862646-37-5P 862646-39-7P 862646-40-0P
862646-42-2P 862646-43-3P 862646-45-5P
862646-46-6P 862646-47-7P 862646-48-8P
862646-49-9P 862646-50-2P 862646-51-3P
862646-52-4P 862646-53-5P 862646-54-6P
862646-55-7P 862646-56-8P 862646-57-9P
862646-58-0P 862646-59-1P 862646-60-4P
862646-62-6P 862646-63-7P 862646-64-8P
862646-65-9P 862646-67-1P 862646-68-2P
862646-71-7P 862646-72-8P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thienylcarboxamides and related compds. as microbicides)

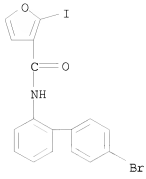
RN 862646-15-9 CAPLUS
CN 3-Thiophenecarboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-2-iodo- (CA INDEX NAME)



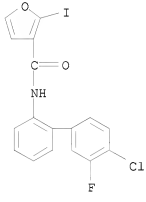
RN 862646-17-1 CAPLUS
CN 3-Furancarboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-2-iodo- (CA INDEX NAME)



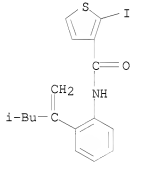
RN 862646-19-3 CAPLUS
CN 3-Furancarboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



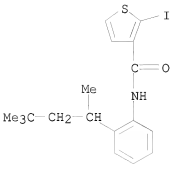
RN 862646-21-7 CAPLUS
CN 3-Furancarboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



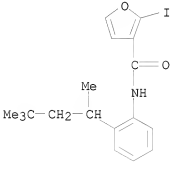
RN 862646-23-9 CAPLUS
CN 3-Thiophenecarboxamide, 2-iodo-N-[2-(3-methyl-1-methylenebutyl)phenyl]-
(CA INDEX NAME)



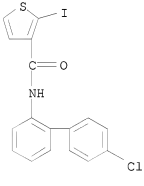
RN 862646-25-1 CAPLUS
CN 3-Thiophenecarboxamide, 2-iodo-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA
INDEX NAME)



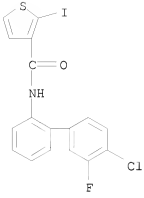
RN 862646-26-2 CAPLUS
CN 3-Furancarboxamide, 2-iodo-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



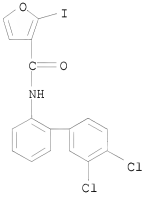
RN 862646-28-4 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



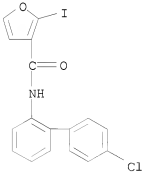
RN 862646-30-8 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



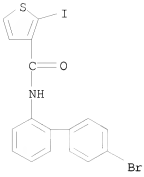
RN 862646-32-0 CAPLUS
CN 3-Furancarboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



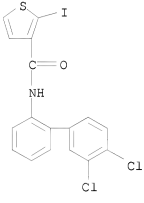
RN 862646-34-2 CAPLUS
CN 3-Furancarboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



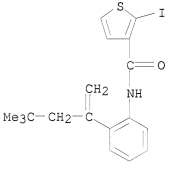
RN 862646-36-4 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



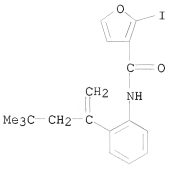
RN 862646-37-5 CAPLUS
CN 3-Thiophenecarboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



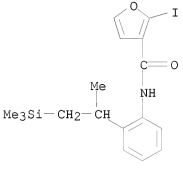
RN 862646-39-7 CAPLUS
CN 3-Thiophenecarboxamide, N-[2-(3,3-dimethyl-1-methylenebutyl)phenyl]-2-iodo-
(CA INDEX NAME)



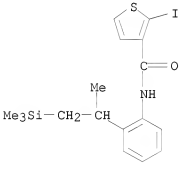
RN 862646-40-0 CAPLUS
CN 3-Furancarboxamide, N-[2-(3,3-dimethyl-1-methylenebutyl)phenyl]-2-iodo-
(CA INDEX NAME)



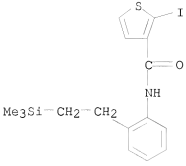
RN 862646-42-2 CAPLUS
CN 3-Furancarboxamide, 2-iodo-N-[2-[1-methyl-2-(trimethylsilyl)ethyl]phenyl]- (CA INDEX NAME)



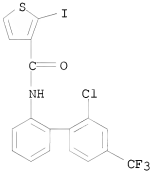
RN 862646-43-3 CAPLUS
CN 3-Thiophenecarboxamide, 2-iodo-N-[2-[1-methyl-2-(trimethylsilyl)ethyl]phenyl]- (CA INDEX NAME)



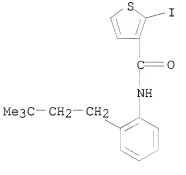
RN 862646-45-5 CAPLUS
CN 3-Thiophenecarboxamide, 2-iodo-N-[2-[2-(trimethylsilyl)ethyl]phenyl]- (CA INDEX NAME)



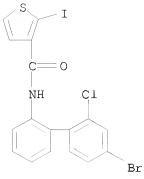
RN 862646-46-6 CAPLUS
CN 3-Thiophenecarboxamide, N-[2'-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-2-iodo- (CA INDEX NAME)



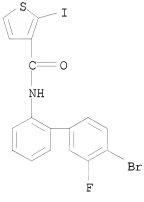
RN 862646-47-7 CAPLUS
CN 3-Thiophenecarboxamide, N-[2-(3,3-dimethylbutyl)phenyl]-2-iodo- (CA INDEX NAME)



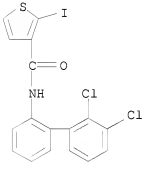
RN 862646-48-8 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-bromo-2'-chloro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



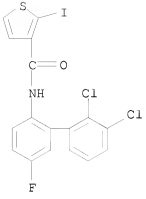
RN 862646-49-9 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-bromo-3'-fluoro[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



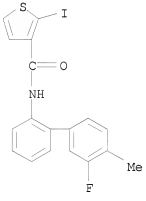
RN 862646-50-2 CAPLUS
CN 3-Thiophenecarboxamide, N-(2',3'-dichloro[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



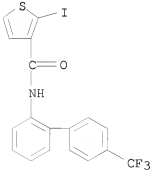
RN 862646-51-3 CAPLUS
CN 3-Thiophenecarboxamide, N-(2',3'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-2-
iodo- (CA INDEX NAME)



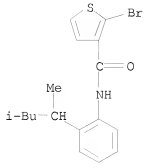
RN 862646-52-4 CAPLUS
CN 3-Thiophenecarboxamide, N-(3'-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



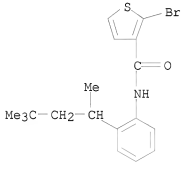
RN 862646-53-5 CAPLUS
CN 3-Thiophenecarboxamide, 2-iodo-N-[4'-(trifluoromethyl)[1,1'-biphenyl]-2-
yl]- (CA INDEX NAME)



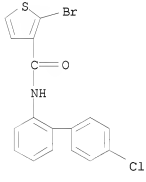
RN 862646-54-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-[2-(1,3-dimethylbutyl)phenyl]- (CA
INDEX NAME)



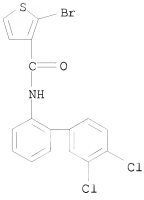
RN 862646-55-7 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



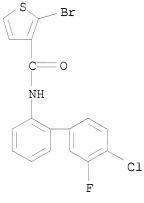
RN 862646-56-8 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-(4'-chloro[1,1'-biphenyl]-2-yl)- (CA INDEX NAME)



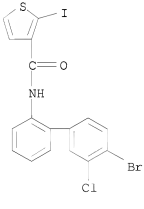
RN 862646-57-9 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)- (CA INDEX NAME)



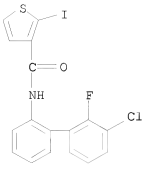
RN 862646-58-0 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)- (CA INDEX NAME)



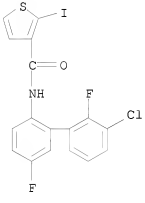
RN 862646-59-1 CAPLUS
CN 3-Thiophenecarboxamide, N-(4'-bromo-3'-chloro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



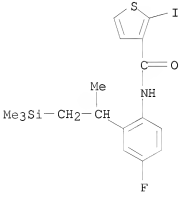
RN 862646-60-4 CAPLUS
CN 3-Thiophenecarboxamide, N-(3'-chloro-2'-fluoro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



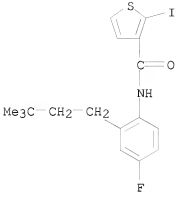
RN 862646-62-6 CAPLUS
CN 3-Thiophenecarboxamide, N-(3'-chloro-2',5-difluoro[1,1'-biphenyl]-2-yl)-2-iodo- (CA INDEX NAME)



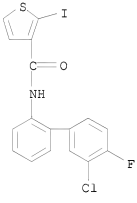
RN 862646-63-7 CAPLUS
CN 3-Thiophenecarboxamide, N-[4-fluoro-2-[1-methyl-2-(trimethylsilyl)ethyl]phenyl]-2-iodo- (CA INDEX NAME)



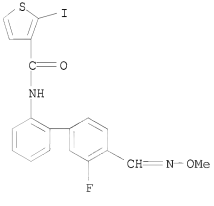
RN 862646-64-8 CAPLUS
CN 3-Thiophenecarboxamide, N-[2-(3,3-dimethylbutyl)-4-fluorophenyl]-2-iodo- (CA INDEX NAME)



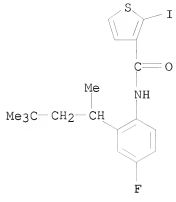
RN 862646-65-9 CAPLUS
CN 3-Thiophenecarboxamide, N-(3'-chloro-4'-fluoro[1,1'-biphenyl]-2-yl)-2-iodo-
(CA INDEX NAME)



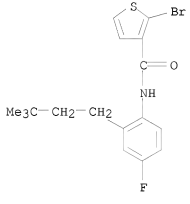
RN 862646-67-1 CAPLUS
CN 3-Thiophenecarboxamide, N-[3'-fluoro-4'-[(methoxyimino)methyl][1,1'-
biphenyl]-2-yl]-2-iodo- (CA INDEX NAME)



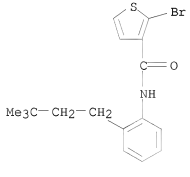
RN 862646-68-2 CAPLUS
CN 3-Thiophenecarboxamide, N-[4-fluoro-2-(1,3,3-trimethylbutyl)phenyl]-2-iodo-
(CA INDEX NAME)



RN 862646-71-7 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-[2-(3,3-dimethylbutyl)-4-fluorophenyl]- (CA INDEX NAME)



RN 862646-72-8 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-[2-(3,3-dimethylbutyl)phenyl]- (CA INDEX NAME)



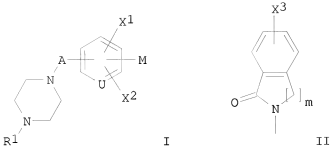
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

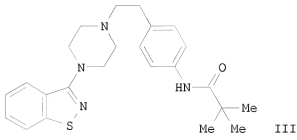
ACCESSION NUMBER: 2004:412926 CAPLUS
DOCUMENT NUMBER: 140:423706
TITLE: Preparation of phenylalkyl and pyridylalkyl piperazine derivatives as antagonists of dopamine D2 receptors and of serotonin 2A (5HT2A) receptors
INVENTOR(S): Cho, Stephen Sung Yong; Davis, Jamie Marie; Graham, James Michael; Gregory, Tracy Fay; Howard, Harry Ralph, Jr.; Nikam, Sham Shridhar; Walters, Michael Anthony
PATENT ASSIGNEE(S): Warner-Lambert Company LLC, USA
SOURCE: PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004041793	A1	20040521	WO 2003-IB4805	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2505397	A1	20040521	CA 2003-2505397	20031027
AU 2003272030	A1	20040607	AU 2003-272030	20031027
EP 1562919	A1	20050817	EP 2003-753871	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016108	A	20050927	BR 2003-16108	20031027
JP 2006508101	T	20060309	JP 2004-549456	20031027
US 20040186108	A1	20040923	US 2003-703333	20031107
US 7101886	B2	20060905		
MX 2005PA04273	A	20051018	MX 2005-PA4273	20050421
PRIORITY APPLN. INFO.:			US 2002-425219P P	20021108
			WO 2003-IB4805 W	20031027

OTHER SOURCE(S): MARPAT 140:423706
GI



I II



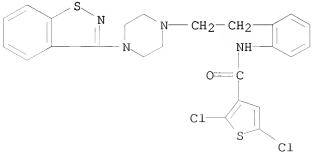
III

AB The title compds. [I; M = N(R2)WR3, II; R1 = (un)substituted 1,2-benzisothiazoyl, 1,2-benzisoxazoyl, pyridyl, etc.; A = (CH2)n(CH2); n = 0-3; U = C, N; m = 1-2; X1-X3 = H, halo, alkyl, etc.; R2 = H, alkyl, arylalkyl, etc.; W = CO, CO2, CONH, SO2, SO2NR4; R3, R4 = alkyl, arylalkyl, alkenyl, etc.], useful in the treatment of central nervous system and other disorders, were prepared Thus, amidation of 4-[2-(4-1,2-benzisothiazol-3-ylpiperazin-1-yl)ethyl]phenylamine with trimethylacetyl chloride in the presence of Et3N in THF afforded the amide III. The exemplified compds. I showed IC50 values of ≤ 1 μM in dopamine D2 receptor binding assay and in serotonin 2A binding assay. The pharmaceutical composition comprising the compound I is claimed.

IT 690974-79-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylalkyl and pyridylalkyl piperazines as antagonists of dopamine D2 receptors and of serotonin 2A (5HT2A) receptors)

RN 690974-79-9 CAPLUS

CN 3-Thiophenecarboxamide, N-[2-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]phenyl]-2,5-dichloro- (CA INDEX NAME)

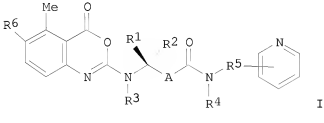


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:22872 CAPLUS
DOCUMENT NUMBER: 138:89816
TITLE: Preparation of pyridine ring-containing benzoxazinone derivatives for treatment of viral infections
INVENTOR(S): Takahashi, Wataru; Watanabe, Naoto; Saito, Yasuyoshi
PATENT ASSIGNEE(S): Asahi Kasei Kabushiki Kaisha, Japan
SOURCE: PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003002558	A1	20030109	WO 2002-JP5795	20020611
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002306312	A1	20030303	AU 2002-306312	20020611
EP 1403269	A1	20040331	EP 2002-733468	20020611
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 20040116420	A1	20040617	US 2003-480451	20031212
PRIORITY APPLN. INFO.:			JP 2001-179282	A 20010613
			JP 2001-379282	A 20011212
			WO 2002-JP5795	W 20020611

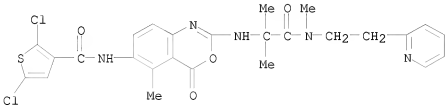
OTHER SOURCE(S): MARPAT 138:89816
GI



I

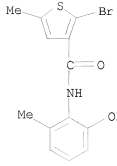
AB The title compds. I [R1, R2 = H, alkyl, etc.; or R1CR2 = cycloalkyl; A = (CH2)n; n = 0 or 1; R3 = H, alkyl, etc.; R4 = H, alkyl, alkenyl, etc.; R5 = alkylene; or NR4R5 = heterocyclyl; R6 = H, halo, etc.] are prepared I have excellent protease inhibitory activity. I are useful in the treatment of viral infectious diseases, in particular herpesvirus infections. Compds. of this invention in vitro showed EC90 values of 3.2 μM to > 12 μM against HSV-1.
IT 484011-47-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyridine ring-containing benzoxazinone derivs. for treatment of
viral infections)
RN 484011-47-4 CAPLUS
CN 3-Thiophenecarboxamide, 2,5-dichloro-N-[2-[[1,1-dimethyl-2-[methyl[2-(2-pyridinyl)ethyl]amino]-2-oxoethyl]amino]-5-methyl-4-oxo-4H-3,1-benzoxazin-6-yl]- (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:209318 CAPLUS
DOCUMENT NUMBER: 137:78932
TITLE: Synthesis of thieno[2,3-b][1,5]benzoxazepine derivatives
AUTHOR(S): Kohara, Toshiyuki; Tanaka, Hiroshi; Kimura, Koreichi; Horiuchi, Hideki; Seio, Kohji; Arita, Masafumi; Fujimoto, Tetsuya; Yamamoto, Iwao
CORPORATE SOURCE: Research Laboratory I (CNS), Pharmaceuticals Research Division, Mitsubishi Pharma Corporation, Saitama, 358-0026, Japan
SOURCE: Journal of Heterocyclic Chemistry (2002), 39(1), 163-171
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 137:78932
AB 4-(4-Methylpiperazin-1-yl)thieno[2,3-b][1,5]benzoxazepines were synthesized from 4-bromo-2-methylthiophene or Et 2-amino-4,5-dimethyl-3-thiophenecarboxylate. Preparation of the key intermediates, thieno[2,3-b][1,5]benzoxazepine-4(5H)-ones, were carried out by treatment of 2-bromo-N-(2-hydroxyphenyl)-3-thiophenecarboxamides with K2CO3 in DMSO. The title compds. are thieno analogs of loxapine, a potent antipsychotic drug. Of these compds., the neuroleptic activity of 2-methyl-4-(4-methylpiperazin-1-yl)thieno[2,3-b][1,5]benzoxazepine demonstrated potent antipsychotic activity.
IT 221060-80-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of thieno[2,3-b][1,5]benzoxazepine derivs.)
RN 221060-80-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-(2-hydroxy-6-methylphenyl)-5-methyl- (CA INDEX NAME)



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:90017 CAPLUS
DOCUMENT NUMBER: 136:151158
TITLE: Preparation of N-biphenylcarboxamides as bactericides
INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 164 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008197	A1	20020131	WO 2001-EP7981	20010711
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10122447	A1	20020418	DE 2001-10122447	20010509
EP 1305292	A1	20030502	EP 2001-956525	20010711
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012676	A	20030624	BR 2001-12676	20010711
HU 2003001661	A2	20030828	HU 2003-1661	20010711
HU 2003001661	A3	20031128		
JP 2004504383	T	20040212	JP 2002-514103	20010711
CN 1252055	C	20060419	CN 2001-813361	20010711
IN 2001MU00664	A	20050304	IN 2001-MU664	20010712
KR 772457	B1	20071101	KR 2003-700346	20030110
ZA 2003000633	A	20040212	ZA 2003-633	20030123
MX 2003PA00688	A	20041101	MX 2003-PA688	20030123
US 20040039043	A1	20040226	US 2003-333598	20030506
US 7176228	B2	20070213		

PRIORITY APPLN. INFO.: DE 2000-10035857 A 20000724
DE 2001-10122447 A 20010509

OTHER SOURCE(S): MARPAT 136:151158

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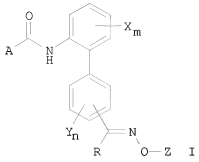
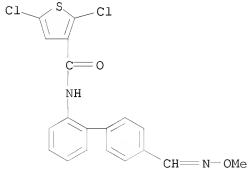


AB Title compds. [I; R = H, (halo)alkyl, cycloalkyl; Z = H, (halo)alkyl; X, Y = halo, NO2, cyano, OH, CO2H, cycloalkyl, alkoxycarbonyl, alkoxyimidoalkyl, (halo-substituted) alkyl, alkoxy, alkylthio, alkenyloxy, alkynyloxy, alkylsulfonyl, alkylsulfinyl; m = 0-3; n = 0-4; A = (substituted) 1H-pyrazol-4-yl, 2- or 3-thienyl, Ph, 3-pyridinyl, 3-pyranyl, 1,4-oxathiin-3-yl, 2- or 3-thiopyranyl, 3-pyrrolyl, 3- or 2-furanyl, 5- or 4-thiazolyl, 4-isothiazolyl, 5-isoxazolyl, 2-pyrazinyl], were prepared Thus, a mixture of 2-(4-methoxyiminomethylphenyl)benzenamine (preparation given) and Et3N in PhMe was stirred with 2-methyl-4-trifluoromethylthiazole-5-carbonyl chloride at room temperature followed by stirring for 2 h at 50° to give 74% N-[2-(4-methoxyimidomethylphenyl)phenyl]-2-methyl-4-trifluoromethylthiazole-5-carboxamide. Several I at 100 ppm gave 77-100% control of Podosphaera leucotricha on apple.

IT 393822-11-2P 393822-13-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-biphenylcarboxamides as bactericides)

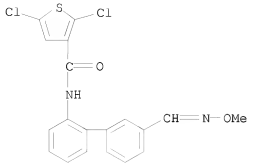
RN 393822-11-2 CAPLUS

CN 3-Thiophenecarboxamide, 2,5-dichloro-N-[4'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]- (CA INDEX NAME)



RN 393822-13-4 CAPLUS

CN 3-Thiophenecarboxamide, 2,5-dichloro-N-[3'-[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

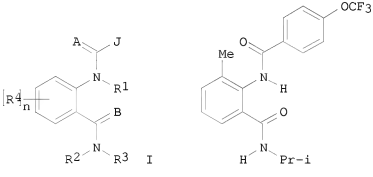
L8 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:713292 CAPLUS
DOCUMENT NUMBER: 135:272754
TITLE: Preparation of insecticidal anthranilamides
INVENTOR(S): Lahm, George P.; Myers, Brian J.; Selby, Thomas P.; Stevenson, Thomas M.
PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
SOURCE: PCT Int. Appl., 211 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070671	A2	20010927	WO 2001-US9338	20010320
WO 2001070671	A3	20020214		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2400167	A1	20010927	CA 2001-2400167	20010320
AU 2001050946	A	20011003	AU 2001-50946	20010320
EP 1265850	A2	20021218	EP 2001-924277	20010320
EP 1265850	B1	20070103		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001009757	A	20030204	BR 2001-9757	20010320
HU 2003000263	A2	20030628	HU 2003-263	20010320
HU 2003000263	A3	20030728		
JP 2003528070	T	20030924	JP 2001-568883	20010320
NZ 520728	A	20030926	NZ 2001-520728	20010320
AU 2001250946	B2	20050908	AU 2001-250946	20010320
RU 2278852	C2	20060627	RU 2002-128150	20010320
EP 1700845	A1	20060913	EP 2006-12017	20010320
EP 1700845	B1	20081210		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
AT 350365	T	20070115	AT 2001-924277	20010320

ES 2278738	T3	20070816	ES 2001-924277		20010320
AT 417033	T	20081215	AT 2006-12017		20010320
ZA 2002006148	A	20031105	ZA 2002-6148		20020801
IN 2002MN01167	A	20050304	IN 2002-MN1167		20020827
US 20030229050	A1	20031211	US 2002-220450		20020828
US 6747047	B2	20040608			
KR 741632	B1	20070723	KR 2002-712474		20020919
MX 2002PA09207	A	20030523	MX 2002-PA9207		20020920
US 20040142984	A1	20040722	US 2003-698643		20031031
US 6995178	B2	20060207			
US 20060079561	A1	20060413	US 2005-199830		20050809
US 7338978	B2	20080304			
PRIORITY APPLN. INFO.:			US 2000-191242P	P	20000322
			US 2000-220232P	P	20000724
			US 2000-254635P	P	20001211
			US 2001-262015P	P	20010117
			EP 2001-924277	A3	20010320
			US 2001-9338	A	20010320
			WO 2001-US9338	W	20010320
			US 2002-220450	A3	20020828
			US 2003-698643	A3	20031031

OTHER SOURCE(S): MARPAT 135:272754

GI

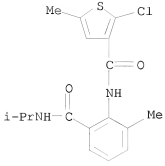


AB The title compds. [I; A, B = O, S; J = substituted Ph, naphthyl, (un)substituted 5-6 membered heteroarom., aromatic 8-10 membered fused heterobicyclic ring; n = 1-4; R1 = H, alkyl, alkenyl, etc.; R2 = H, alkyl, alkoxy, etc.; R3 = H, alkyl, cycloalkyl, etc.; R4 = H, alkyl, halo, etc.], useful for controlling arthropods, were prepared E.g., a multi-step synthesis of II which showed excellent level of plant protection (10% or less feeding damage) in test with diamondback moth (DBM), was given.

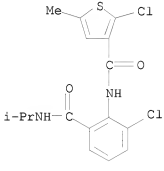
IT 362640-42-4P 362640-43-5P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of insecticidal anthranilamides)

RN 362640-42-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-chloro-5-methyl-N-[2-methyl-6-[[(1-methylethyl)amino]carbonyl]phenyl]- (CA INDEX NAME)



RN 362640-43-5 CAPLUS
CN 3-Thiophenecarboxamide, 2-chloro-N-[2-chloro-6-[[(1-methylethyl)amino]carbonyl]phenyl]-5-methyl- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:184258 CAPLUS
DOCUMENT NUMBER: 130:223304
TITLE: Preparation of fused thiophene compounds as antipsychotics
INVENTOR(S): Seio, Koji; Tanaka, Hiroshi; Kohara, Toshiyuki; Hashimoto, Kenji; Fujimura, Masatake; Horiuchi, Hideki; Yasumatsu, Hiroshi; Kimura, Koreichi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 226 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9911647	A1	19990311	WO 1998-JP3915	19980831

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2302409	A1	19990311	CA 1998-2302409	19980831
AU 9888890	A	19990322	AU 1998-88890	19980831
AU 739385	B2	20011011		
EP 1016664	A1	20000705	EP 1998-940666	19980831
EP 1016664	B1	20030702		
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BR 9814042	A	20001003	BR 1998-14042	19980831
JP 2001072684	A	20010321	JP 2000-289527	19980831
JP 3156933	B2	20010416	JP 1999-515957	19980831
HU 2000003718	A2	20010928	HU 2000-3718	19980831
HU 2000003718	A3	20021128		
RU 2197491	C2	20030127	RU 2000-108433	19980831
AT 244245	T	20030715	AT 1998-940666	19980831
US 6271225	B1	20010807	US 1999-341317	19990708
NO 2000001049	A	20000403	NO 2000-1049	20000301
MX 200002221	A	20001020	MX 2000-2221	20000302
US 20020042411	A1	20020411	US 2001-837424	20010419
US 6455521	B2	20020924		

PRIORITY APPLN. INFO.:	JP 1997-236700	A 19970902
	JP 1997-277771	A 19971009
	JP 1998-165725	A 19980612
	JP 1999-515957	A3 19980831
	WO 1998-JP3915	W 19980831
	US 1999-341317	A3 19990708

OTHER SOURCE(S): MARPAT 130:223304

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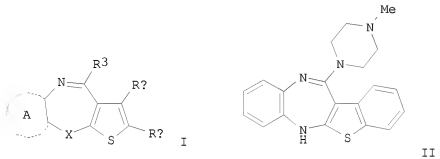
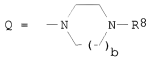
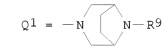




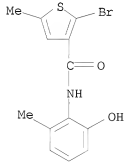


AB Fused thiophene compds., i.e. [1]benzothieno[2,3-b][1,5]benzodiazepine, [1]benzothieno[2,3-b][1,5]benzoxazepine, [1]benzothieno[2,3-b][1,5]benzothiazepine, and thieno[2,3-b][1,5]benzoxazepine derivs., represented by general formula [I; Ra, Rb = H, alkyl, cycloalkyl, acyl, alkenyl, aryl, heteroaryl, aralkyl, alkoxy, hydroxyalkyl, aminoalkyl, mono- or dialkylaminoalkyl, alkoxyalkyl, acyloxyalkyl, acylaminoalkyl, halo, haloalkyl, NO2; or Ra and Rb are linked to each other to form a (un)substituted benzene or cyclohexane ring;X = NH, NR4 (wherein R4 = alkyl), O, SO, SO2; provided

that when X = NH, then Ra and Rb are linked to each other to form a (un)substituted benzene; or when X = S, SO, or SO2, then Ra and Rb are linked to each other to form a (un)substituted cyclohexane ring; ring A = (un)substituted benzene ring; R3 = NR5(CH2)aNR6R7, NR5R6, NR5(CH2)aN+(O-)R6R7, N+(O-)R5R6, Q, Q1; wherein R5, R6, R7 = H, alkyl, cycloalkyl, aryl, heteroaryl, aralkyl, hydroxyalkyl, hydroxyalkoxyalkyl, aminoalkyl, mono- or dialkylaminoalkyl, alkoxyalkyl; a = 2-4; R8, R9 = H, alkyl, cycloalkyl, aryl, heteroaryl, aralkyl, hydroxyalkyl, hydroxyalkoxyalkyl, aminoalkyl, mono- or dialkylaminoalkyl, acyl, alkoxyalkyl; b = 1,2] and pharmaceutically acceptable salts or hydrates thereof are prepared The compds. of general formula I are useful as novel antipsychotics which are efficacious against both of pos. and neg. symptoms of schizophrenia, exhibit little side effects such as extrapyramidal motility disturbance, and have little severe side effects such as granulocytopenia. These compds. are also useful as remedies for dementia of Alzheimer type and depression. Thus, Et 2-(2-aminoanilino)benzo[b]thiophene-3-carboxylate and 1-methylpiperazine were dissolved in anisole, followed by adding dropwise TiCl4 at room temperature
with stirring, and the resulting mixture was stirred at 40° for 20 h to give, after salt formation with maleic acid, 2-(piperazin-1-yl)[1]benzothieno[2,3-b][1,5]benzodiazepine derivative (III) dimaleate. Compds. I at 20 mg/kg p.o. inhibited by 50% the apomorphine-induced exasperation of movement for mice.

IT 221060-80-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fused thiophene compds. as antipsychotics and for treatment of Schizophrenia, depression, and Alzheimer-type dementia)

RN 221060-80-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-bromo-N-(2-hydroxy-6-methylphenyl)-5-methyl- (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:485772 CAPLUS
DOCUMENT NUMBER: 125:142732
ORIGINAL REFERENCE NO.: 125:26721a,26724a
TITLE: Preparation of heterocyclylcarbonylanthranilic acid derivatives as agrochemical fungicides
INVENTOR(S): Riordan, Peter Dominic; West, Peter John; Boddy, Ian Kenneth
PATENT ASSIGNEE(S): Agrevo Uk Limited, UK
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9616954	A1	19960606	WO 1995-EP4800	19951201
W: AU, BG, BR, CA, CN, CZ, FI, HU, JP, KR, KZ, MX, NO, NZ, PL, RO, RU, SD, SK, UA, US				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9643028	A	19960619	AU 1996-43028	19951201
ZA 9510223	A	19960729	ZA 1995-10223	19951201
EP 794950	A1	19970917	EP 1995-941681	19951201
R: AT, BE, DE, DK, ES, FR, GB, GR, IT, NL, PT				
PRIORITY APPLN. INFO.:			GB 1994-24379	A 19941202
			WO 1995-EP4800	W 19951201

OTHER SOURCE(S): MARPAT 125:142732
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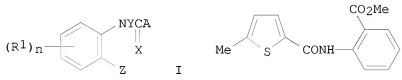
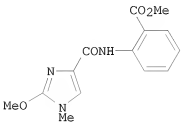


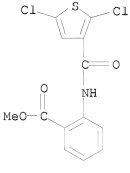


AB Claimed are the title compds. I wherein A is a 5-membered optionally substituted, heteroaryl group comprising at least one hetero atom selected from nitrogen, sulfur and oxygen, which is optionally substituted by one or more of the group R2; R1 is alkyl, cycloalkyl, cycloalkenyl, alkenyl, alkynyl, or amino (each of which is optionally substituted), Y1X, halogen, cyano, nitro, acyl, acyloxy, optionally substituted heterocyclyl or optionally substituted phenyl; or two adjacent groups together with the carbon atoms to which they are attached can form an optionally substituted benzo ring. R2 has the same meaning as R1 or two adjacent groups together with the carbon atoms to which they are attached can form an optionally substituted heterocyclic ring. Y is alkyl, cycloalkyl, cycloalkenyl, alkenyl or alkynyl, each of which is optionally substituted, hydrogen or acyl. Y1 has the same meaning as Y or is optionally substituted Ph or optionally substituted heterocyclyl. Z is (C:X1)X2R3, cyano, nitro, amino, acyl, optionally substituted heterocyclyl, C(R5):NOR6 or C(R5):NNR6R7; R3 is alkyl, cycloalkyl, cycloalkenyl, alkenyl, alkynyl, Ph or heterocyclyl, each of which is optionally substituted, hydrogen or an inorg. or organic cationic group. X1 and X2, which may be the same or different, are O or S; R5, R6 and R7 which may be the same or different,

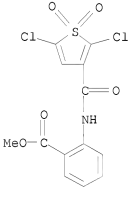
are alkyl, cycloalkyl, cycloalkenyl, alkenyl, alkynyl, Ph or heterocyclyl, each of which is optionally substituted or hydrogen or R6 and R7 together with the atom(s) to which they are attached can form a ring; and n is 0 to 4. The title compound II (m.p. 91 - 93°) showed activity against Phytophthora infestans. The title compound III showed activity against Plasmopara viticola. (Compds. were considered active if they gave greater than 50% control of the disease at a concentration of 500 ppm (w/v) or less).

IT 179757-74-5P 179758-31-7P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclylcarbonylanthranilic acid derivs. as agrochem. fungicides)

RN 179757-74-5 CAPLUS
CN Benzoic acid, 2-[[(2,5-dichloro-3-thienyl)carbonyl]amino]-, methyl ester (CA INDEX NAME)



RN 179758-31-7 CAPLUS
CN Benzoic acid, 2-[[(2,5-dichloro-1,1-dioxido-3-thienyl)carbonyl]amino]-, methyl ester (CA INDEX NAME)



L8 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:567372 CAPLUS
DOCUMENT NUMBER: 113:167372
ORIGINAL REFERENCE NO.: 113:28299a,28302a
TITLE: Preparation of anilide derivatives as agrochemical and medical microbicides
INVENTOR(S): Okamoto, Hidenori; Kato, Shozo
PATENT ASSIGNEE(S): Tokuyama Soda Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02178259	A	19900711	JP 1988-328960	19881228
JP 2512542	B2	19960703		

PRIORITY APPLN. INFO.: JP 1988-328960 19881228
OTHER SOURCE(S): MARPAT 113:167372
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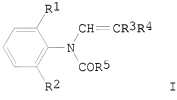


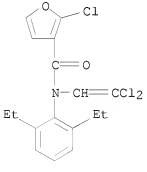
I

AB Microbicides contain anilide derivs. I [R1, R2 = lower alkyl, halo; R3, R4 = H, lower alkyl, and ≥1 of R3, R4 = halo; R5 = (un)substituted alkyl, alkenyl, Ph, furyl, or thienyl] as active ingredients. A treatment of N-(2,2-dichloroethylidene)-2',6'-dimethylaniline with ClCH2COCl in DMF at 80° for 2 h gave 61% I (R1 = R2 = Me, R3 = R4 = Cl, R5 = CH2Cl), which inhibited growth of Batillus subtilis, Aspergillus niger, Cochliobolus miyabeanus, Trichophyton rubrum, and Fusarium oxysporum in vitro.

IT 129945-33-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as agrochem. and medicinal microbicide)

RN 129945-33-1 CAPLUS

CN 3-Furancarboxamide, 2-chloro-N-(2,2-dichloroethenyl)-N-(2,6-diethylphenyl)- (CA INDEX NAME)



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